

## **APPENDIX C**

### **ESTIMATES FOR DISPOSAL OF CONSTRUCTION AND DEMOLITION WASTE**

## Estimates for Disposal of Construction and Demolition Waste

### 1. Annual construction & demolition (C&D) waste generation rates

Building construction waste	
Residential	4 million tons
Non-residential	1.1 million tons
Building demolition waste	
Residential	10 million tons
Non-residential	23 million tons
Other C&D waste	104 million tons
	(highway construction, repair and maintenance)

<b>Total</b>	<b>142 M Tons</b>
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### 2. Annual C&D waste disposal rate

Building construction waste	4.44 million tons
Building demolition waste	11.8 million tons
Subtotal	16.24 million tons
Other C&D waste	15.36 million tons*
Total	31.6 million tons

\* The remaining quantities consisting of asphalt, concrete, steel, metal recycled or stockpiled for future use.

### 3. Estimates for painted lead-based paint (LBP) debris quantities (million tons/yr)

Waste Type	Before 2010	After 2010
C&D waste	30.0	18
Painted demolition debris	0.83*	0.83
LBP abatement debris	0.56**	0.34***
<b>Total</b>	<b>32.4</b>	<b>19.2</b>

\* 21% of demolition waste disposed is wood and assumed that one-third of the wood is painted debris.

\*\* 19.1 million tons of LBP abatement debris disposed over 34 years (Appendix D).

\*\*\* Reduction in LBP abatement debris quantities due to recycling of debris according to the TSCA management standards proposed in this rule.

Source: Franklin Associates, 1995